

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application. Please cancel claims 1-17, 20, 21 and 23 without prejudice.

Claims 1-17 (canceled)

Claim 18 (presently amended) A remote management method of mobile communication terminal data using a system comprising a wireless communication network comprising a cell site and a mobile communication exchange, a mobile communication terminal, a computer for managing data of said mobile communication terminal, a data interfacing apparatus connected to Internet and to said wireless communication network for interfacing the exchange to Internet, in which said mobile communication terminal is assigned a public static IP address and the data management program installed in said computer has therein said public static IP address of said mobile communication terminal which said data management program manages and the method comprises:

the step of setting up a network wherein said mobile communication terminal makes a PPP (Point to Point Protocol) setup with the data interfacing apparatus using said public static IP address;

the step of making a call connection wherein TCP/IP session is formed between said mobile communication terminal and said computer using said public static IP address and the IP address of computer, upon user's request for connection;

the step of checking for a demand for transmission of data from the computer and, if said demand is detected, confirming a the demand for transmission wherein it is checked if there is a demand from computer for transmission of data;

~~the step of editing and storing data wherein said mobile communication terminal transmits the demanded data using said TCP/IP session if there is a demand to transmit data and said computer displays the transmitted data so as for the user to confirm and edit said transmitted data, stores the edited final data in a storing means of said computer and transmits said edited final data to said mobile communication terminal so as for said mobile communication terminal to store said final data,~~ where the demand for said transmission is confirmed, the data transmitted from said mobile communication terminal are edited by the data management program in said computer and the edited final data are stored both in said computer and said mobile communication terminal; and

~~the step of receiving and storing data wherein the data transmitted from the computer are stored using TCP/IP session if there is no demand to transmit data,~~ where the demand for said transmission is not confirmed, the data transmitted from the computer using TCP/IP session are stored in said mobile communication terminal.

Claim 19 (original) The remote management method of mobile communication terminal data as set forth in Claim 18, in which a user's single clicking of corresponding button of said management program enables said TCP/IP call connection to be executed.

Claim 20-21 (canceled)

Claim 22 (original) The remote management method of mobile communication terminal data as set forth in Claim 18, in which said step of editing and storing data further comprises:

The first step wherein said mobile communication terminal transmits corresponding data to computer;

the second step wherein said computer displays the transmitted data so that the user can confirm and edit said transmitted data and the modified data can be transmitted to said mobile communication terminal if said data have been modified by said user;

the third step wherein said computer checks if the data have been modified or not, and if modified, said computer transmits the modified final data to said mobile communication terminal for storage upon user's instruction, and if not modified, the process proceeds to the following fourth step; and

the fourth step wherein said mobile communication terminal or said computer checks if there is a demand from opposite party for termination of the call, and if there is a demand to terminate the call, the call is terminated, and if there is no such demand, the process proceeds to said step of confirming a demand from said computer for transmission of data.

Claim 23 (canceled)

Claim 24 (original) The remote management method of mobile communication terminal data as set forth in Claim 18, in which said step of receiving and storing data further comprises:

the first step wherein said mobile communication terminal demands desired data of said computer;

the second step wherein said computer transmits said data desired by said mobile communication terminal to said mobile communication terminal;

the third step wherein said mobile communication terminal stores said data transmitted from said computer in a predetermined memory area;

the fourth step wherein said mobile communication terminal and said computer checks if there is a demand from opposite party for termination of the call; and

the fifth step wherein the call between said mobile communication terminal and said computer is terminated if there is a demand to terminate the call, and if there is no such demand, the process proceeds to the step of confirming a demand from said computer for transmission of data.

Claim 25 (new) A remote management method of cellular telephone data in which a computer equipped with a modem and a data manager program is used, the method comprising the steps of:

a cellular telephone entering a remote data update mode;

a computer executing the data manager program and entering a remote data update mode;

one of the computer and the cellular telephone making a call;

where the computer makes said call, the cellular telephone answering the call;

where the cellular telephone makes said call, the computer answering said call;

the computer fetching and editing user data from the cellular phone and transmitting the edited data to the cellular phone; and

the cellular telephone updating the user data stored in the cellular telephone with the data from the computer.

Claim 26 (new) A remote management method of updating cellular telephone data using a computer equipped with a modem and a data manager program, the method comprising the steps of:

a cellular telephone entering a remote data update mode;

the cellular telephone making a call to a computer;

a cellular telephone exchange sending a ring signal to the computer at the same time informing the computer that the calling mode is a remote data update mode by setting specific bit of service option data;

the computer answering said call with the specific bit of service option data being set and entering a remote data update mode;

the computer executing the data manager program and fetching and editing user data from the cellular phone; and

the computer transmitting the edited data to the cellular phone and the cellular telephone updating the user data stored in the cellular telephone with the data from the computer.

Claim 27 (new) A remote management method of updating cellular telephone data in which the method of transmitting and receiving user data between a first cellular telephone and a second cellular telephone, the method comprising the steps of:

the first cellular telephone entering a remote data update mode;

the second cellular telephone entering a remote data update mode;

the first cellular telephone making a call to the second cellular telephone;

the second cellular telephone answering the call with the specific bit of service option data being set and entering a remote data update mode; and

one of the first and second cellular telephones fetching user data from the other one of the first and second cellular telephones and updating the user data stored in said one of the first and second cellular telephones with the data from the other of the first and second cellular telephones.

Claim 28 (new) A remote management method of updating cellular telephone data by transmitting and receiving user data between a first cellular telephone and a second cellular telephone, the method comprising the steps of:

the first cellular telephone entering a remote data update mode;

the first cellular telephone making a call to the second cellular telephone;

a cellular telephone exchange sending a ring signal from the first cellular telephone to the second cellular telephone at the same time informing the second cellular telephone that the calling mode is a remote data update mode by setting specific bit of service option data;

the second cellular telephone answering the call with the specific bit of service option data being set and entering a remote data update mode; and

one of the first and second cellular telephones fetching user data from the other of the first and second cellular telephones and updating the user data stored in said one of the first and second cellular telephones with the data from the other of the first and second cellular telephones.